

Db 181 AHLCGVWQRAECPOVPKI 199

RESULT 2  
US-09-759-056-2

Sequence 2, Application US/09759056  
Patent No. US20020156252A1

GENERAL INFORMATION:

APPLICANT: Pennica, Diane

APPLICANT: Smith, Victoria

APPLICANT: Wood, William I.

TITLE OF INVENTION: No. US20020156252A1 STRA6 Polypeptides

FILE REFERENCE: GENENT. 2827A2

CURRENT APPLICATION NUMBER: US/09/759,056

CURRENT FILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 60/197089

PRIOR FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/175849

PRIOR FILING DATE: 2000-01-13

PRIOR APPLICATION NUMBER: 60/228914

PRIOR FILING DATE: 2000-08-29

NUMBER OF SEQ ID NOS: 5

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 2

LENGTH: 667

TYPE: PRT

ORGANISM: Homo Sapiens

US-09-759-056-2

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Best Local Similarity 99.0%; Pred. No. 6,5e-94;  
Matches 196; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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DB 3 SOPAGNOTSPGATEDYSYSGWYIDEPQGXELQPEGEVPSCHTSIPGGLYHACLASLSIL 62  
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DB 123 ALPFLTLASAPSDGKTEAPRGAMKILGLFYAALYPLAACATAGHTAAHLGSLTSLWA 182  
QY 182 HLGCVWQRAECPOVPKI 199  
DB 183 HLGCVWQRAECPOVPKI 200

RESULT 3  
US-09-901-812-2

Sequence 2, Application US/09901812

Patent No. US20020173461A1

GENERAL INFORMATION:

APPLICANT: Pennica, Diane

APPLICANT: Polakis, Paul

APPLICANT: Szeto, Wayne

TITLE OF INVENTION: UPREGULATION OF TUMOR ANTIGENS TO

FILE REFERENCE: GENENT. 083A

CURRENT APPLICATION NUMBER: US/09/901,812

CURRENT FILING DATE: 2001-07-10

PRIOR APPLICATION NUMBER: 60/228,914

PRIOR FILING DATE: 2000-08-29

PRIOR APPLICATION NUMBER: 09/759,056

PRIOR FILING DATE: 2001-01-11

PRIOR APPLICATION NUMBER: 60/175,849

PRIOR FILING DATE: 2000-01-13

PRIOR APPLICATION NUMBER: 60/197,089

PRIOR FILING DATE: 2000-04-14

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 667  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-901-812-2

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Best Local Similarity 99.0%; Pred. No. 6,5e-94;  
Matches 196; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY 182 HLGCVWQRAECPOVPKI 199  
DB 183 HLGCVWQRAECPOVPKI 200

RESULT 4  
US-10-227-884-80

Sequence 80, Application US/10227884

Publication No. US20030027988A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Desnoyers, Luc

APPLICANT: Gerritsen, Mary

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Smith, Victoria

APPLICANT: Stephan, Jean-Philippe F.

APPLICANT: Watanabe, Colin I.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3530P1C79

CURRENT APPLICATION NUMBER: US/10/227,884

CURRENT FILING DATE: 2002-08-26

PRIOR APPLICATION NUMBER: 10/119,480

PRIOR FILING DATE: 2002-04-09

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/062287

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/063549

PRIOR FILING DATE: 1997-10-28

PRIOR APPLICATION NUMBER: 60/064103

PRIOR FILING DATE: 1997-10-31

PRIOR APPLICATION NUMBER: 60/069873

PRIOR FILING DATE: 1997-12-17

PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/079294

PRIOR FILING DATE: 1998-03-25

PRIOR APPLICATION NUMBER: 60/079656

PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: 60/079728

PRIOR FILING DATE: 1998-03-27

PRIOR APPLICATION NUMBER: 60/081819

PRIOR FILING DATE: 1998-04-15

PRIOR APPLICATION NUMBER: 60/081955

PRIOR FILING DATE: 1998-04-15

GenCore version 5.1.4 p5.4578  
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 13, 2003, 11:30:32 ; Search time 8.35496 Seconds  
(without alignments)  
1097.829 Million cell updates/sec

Title: US-09-816-653A-2

Perfect score: 1061

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Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 199416 seqs, 46092074 residues

1 number of hits satisfying chosen parameters: 199416

Maximum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Published Applications AA.\*

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- 3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB\_PEP.\*
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- 14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB\_PEP.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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2	1048	98.8	667	US-09-759-056-2	Sequence 2, Appli
3	1048	98.8	667	US-09-901-812-2	Sequence 2, Appli
4	1048	98.8	667	US-10-227-884-80	Sequence 80, Appli
5	1048	98.8	667	US-10-230-163-80	Sequence 80, Appli
6	1048	98.8	667	US-10-218-631-80	Sequence 80, Appli
7	1048	98.8	667	US-10-210-338-80	Sequence 80, Appli
8	986.5	93.0	658	US-09-759-056-5	Sequence 5, Appli
9	986.5	93.0	658	US-09-901-812-5	Sequence 5, Appli
10	697	65.7	670	US-09-816-653A-7	Sequence 7, Appli
11	84	7.9	624	US-09-925-297-738	Sequence 738, App
12	83	7.8	913	US-09-323-490-4	Sequence 4, Appli
13	78.5	7.4	3519	US-09-808-880-4	Sequence 4, Appli
14	74.5	7.0	208	US-09-738-626-6358	Sequence 6358, Ap
15	74	7.0	326	US-09-925-301-1349	Sequence 1349, Ap
16	73.5	6.9	358	US-09-738-626-4781	Sequence 4781, Ap
17	73.5	6.9	376	US-10-021-758-2	Sequence 2, Appli
18	73.5	6.9	636	US-10-000-776-12	Sequence 12, Appli
19	73.5	6.9	636	US-09-791-497-14	Sequence 14, Appli

20	73	6.9	633	US-10-086-464-11	Sequence 11, Appli
21	72.5	6.8	504	US-09-758-186-2	Sequence 2, Appli
22	72.5	6.8	504	US-09-815-108-17	Sequence 17, Appli
23	72.5	6.8	504	US-09-815-108-19	Sequence 17, Appli
24	72.5	6.8	529	US-09-712-363-175	Sequence 175, App
25	72	6.8	183	US-09-764-853-822	Sequence 822, App
26	72	6.8	652	US-10-139-662-4	Sequence 4, Appli
27	72	6.8	694	US-09-846-996A-1	Sequence 1, Appli
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29	70.5	6.6	627	US-10-005-169-2	Sequence 2, Appli
30	70.5	6.6	628	US-09-853-386-66	Sequence 66, Appli
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32	70.5	6.6	628	US-09-853-386-73	Sequence 73, Appli
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34	70.5	6.6	730	US-09-738-626-4196	Sequence 4196, Ap
35	69.5	6.6	206	US-09-800-729-149	Sequence 149, App
36	69.5	6.6	369	US-10-077-874-4	Sequence 4, Appli
37	69.5	6.6	372	US-09-393-696-6	Sequence 6, Appli
38	69.5	6.6	372	US-10-077-874-6	Sequence 6, Appli
39	69.5	6.6	389	US-09-828-538-20	Sequence 20, Appli
40	69.5	6.6	425	US-09-828-538-19	Sequence 19, Appli
41	69.5	6.6	425	US-09-828-538-24	Sequence 24, Appli
42	69.5	6.6	650	US-10-139-662-2	Sequence 2, Appli
43	69	6.5	122	US-09-796-858-14	Sequence 14, Appli
44	69	6.5	238	US-10-001-054-34	Sequence 34, Appli
45	69	6.5	238	US-10-006-856A-271	Sequence 271, App

## ALIGNMENTS

RESULT 1  
US-09-816-653A-2  
Sequence 2, Application US/09816653A  
Publication No. US20030021788A1  
GENERAL INFORMATION:  
APPLICANT: Rastelli, Luca  
APPLICANT: Pennica, Diane  
TITLE OF INVENTION: NOVEL HUMAN STRA6-LIKE PROTEIN AND NUCLEIC ACIDS ENCODING THE  
FILE REFERENCE: 10716/57  
CURRENT APPLICATION NUMBER: US/09/816,653A  
CURRENT FILING DATE: 2001-03-23  
PRIORITY APPLICATION NUMBER: 60/191,532  
PRIORITY FILING DATE: 2000-03-23  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 2  
LENGTH: 199  
TYPE: PRT  
ORGANISM: Homo sapiens hSTRa6 amino terminal polypeptide fragment  
FEATURE:  
NAME/KEY: MISC FEATURE  
LOCATION: (31)-(31)  
OTHER INFORMATION: Xaa is any amino acid  
US-09-816-653A-2  
F4:  
Query Match 99.8% Score 1059; DB 9; Length 199;  
Best Local Similarity 100.0%; Pred. No. 1.3e-95;  
Matches 199; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Query Match 98.84; Score 1048; DB 9; Length 667;  
Best Local Similarity 99.04; Pred. No. 6,5e-94;  
Matches 196; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 SOPAGNOTSPGATEDYSGSWYIDEPDGGKLEOEGEVPSCHTSIPGLYHACLASLIL 61  
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RESULT 5  
US-10-230-163-80  
Sequence 80, Application US/10230163  
Publication No. US2003003635A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Desnoyers, Luc  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Guiney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Macanabe, Colin L.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3530P1C96  
CURRENT APPLICATION NUMBER: US/10/230.163  
CURRENT FILING DATE: 2002-08-28  
PRIOR APPLICATION NUMBER: 10/119,480  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
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PRIOR FILING DATE: 1998-06-25  
PRIOR APPLICATION NUMBER: 60/090695  
PRIOR FILING DATE: 1998-06-25  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/095302  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/095318  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/095916  
PRIOR FILING DATE: 1998-08-10  
PRIOR APPLICATION NUMBER: 60/096146  
PRIOR FILING DATE: 1998-08-11  
PRIOR APPLICATION NUMBER: 60/096791  
PRIOR FILING DATE: 1998-08-17  
PRIOR APPLICATION NUMBER: 60/097986  
PRIOR FILING DATE: 1998-08-26  
PRIOR APPLICATION NUMBER: 60/098544  
PRIOR FILING DATE: 1998-08-31  
PRIOR APPLICATION NUMBER: 60/099596  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099598  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099803  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099811  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099812  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099816  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/100038  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/100385  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100390  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100627  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100848  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/100919  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/101477  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101738  
PRIOR FILING DATE: 1998-09-24

PRIOR APPLICATION NUMBER: 60/101741  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101786  
PRIOR FILING DATE: 1998-09-25  
PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101922  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/106178  
PRIOR FILING DATE: 1998-10-28  
PRIOR APPLICATION NUMBER: 60/106248  
PRIOR FILING DATE: 1998-10-29  
PRIOR APPLICATION NUMBER: 60/106464  
PRIOR FILING DATE: 1998-10-30  
PRIOR APPLICATION NUMBER: 60/106905  
PRIOR FILING DATE: 1998-11-03  
PRIOR APPLICATION NUMBER: 60/108787  
PRIOR FILING DATE: 1998-11-17  
PRIOR APPLICATION NUMBER: 60/108801  
PRIOR FILING DATE: 1998-11-17  
PRIOR APPLICATION NUMBER: 60/108849  
PRIOR FILING DATE: 1998-11-18  
PRIOR APPLICATION NUMBER: 60/112422  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113296  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119549  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/123618  
PRIOR FILING DATE: 1999-03-10  
PRIOR APPLICATION NUMBER: 60/125259  
PRIOR FILING DATE: 1999-03-19  
PRIOR APPLICATION NUMBER: 60/125775  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/126773  
PRIOR FILING DATE: 1999-03-29  
PRIOR APPLICATION NUMBER: 60/127887  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/130232  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131022  
PRIOR FILING DATE: 1999-04-26  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131445  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 60/134287  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 60/140650  
PRIOR FILING DATE: 1999-06-22  
PRIOR APPLICATION NUMBER: 60/140723  
PRIOR FILING DATE: 1999-06-22  
PRIOR APPLICATION NUMBER: 60/141037  
PRIOR FILING DATE: 1999-06-23  
PRIOR APPLICATION NUMBER: 60/144758  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/145698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: 60/146222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: 60/146963

4

PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/149320  
PRIOR FILING DATE: 1999-08-17  
PRIOR APPLICATION NUMBER: 60/149638  
PRIOR FILING DATE: 1999-08-17  
PRIOR APPLICATION NUMBER: 60/151733  
PRIOR FILING DATE: 1999-08-11  
PRIOR APPLICATION NUMBER: 60/164418  
PRIOR FILING DATE: 1999-11-09  
PRIOR APPLICATION NUMBER: 60/166361  
PRIOR FILING DATE: 1999-11-16  
PRIOR APPLICATION NUMBER: 60/169445  
PRIOR FILING DATE: 1999-12-07  
PRIOR APPLICATION NUMBER: 60/169495  
PRIOR FILING DATE: 1999-12-07  
PRIOR APPLICATION NUMBER: 60/169835

Query Match 98.8% Score 1048 DB 9 Length 667;  
Best Local Similarity 99.0% Pred. No. 6,56-94;  
Matches 196: Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 SOPAGNOSPGATEDEYSYSGWYIDEPDGGXELDPEGEVPSCHTSIPPLHYACLASISIL 61  
Db 3 SOPAGNOSPGATEDEYSYSGWYIDEPDGGXELDPEGEVPSCHTSIPPLHYACLASISIL 62  
Qy 62 VLLLMVRRQQLPDCVGRGRLSPVDFLAGDPRPAVPAVFMVLLSSICLLPDED 121  
Db 63 VLLLMVRRQQLPDCVGRGRLSPVDFLAGDPRPAVPAVFMVLLSSICLLPDED 122  
Qy 122 ALPFLTLASAPSDGKTEAPRGAMKILGLFHYALYFLACATGHTAAHLGSLTSLWA 181  
Db 123 ALPFLTLASAPSDGKTEAPRGAMKILGLFHYALYFLACATGHTAAHLGSLTSLWA 182  
Qy 182 HLGQVWQRAECPQVPKI 199  
Db 183 HLGQVWQRAECPQVPKI 200

RESULT 6  
US-10-218-631-80  
Sequence 80, Application US/10218631  
Publication No. US20030045687A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Desnoyers, Luc  
APPLICANT: Gertlisen, Mary  
APPLICANT: Goddard, Audrey J.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3530PIC14  
CURRENT APPLICATION NUMBER: US/10/218,631  
CURRENT FILING DATE: 2002-08-12  
PRIOR APPLICATION NUMBER: 10/119,480  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/069873  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20

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Query Match	98.8%	Score 1048	DB 9	Length 667
Best Local Similarity	99.0%	Pred. No. 6.5e-94		
Matches 196	Conservative 1	Mismatches 1	Indels 0	Caps 0

RESULT 7  
US-10-230-338-80  
; Sequence 80, Application US/10230338  
; Publication No. US2003004934A1

GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Desnoyers, Luc  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Macnabe, Colin L.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME  
FILE REFERENCE: P3530PIC92  
CURRENT APPLICATION NUMBER: US/10/230,338  
CURRENT FILING DATE: 2002-08-28  
PRIOR APPLICATION NUMBER: 10/119,480  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/069873  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656

Query Match	98.8%	Score 1048;	DB 9;	length 667;
Best Local Similarity	99.0%	Pred. No. 6.5e-94;		
Matches 196;	Conservative 1;	Mismatches 1;	Indels 0;	Gaps 0

RESULT 8  
US-09-759-056-5  
; Sequence 5, Application US/09759056

```

: GENERAL INFORMATION:
: APPLICANT: Pennica, Diane
: APPLICANT: Smith, Victoria
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: No. US20020156252A1el STRA6 Polypeptide
: FILE REFERENCE: GENENT.2827R2 US/09/759,056
: CURRENT FILING DATE: 2001-01-11
: PRIOR APPLICATION NUMBER: 60/1197089
: PRIOR FILING DATE: 2000-04-14
: PRIOR APPLICATION NUMBER: 60/175849
: PRIOR FILING DATE: 2000-01-13
: PRIOR APPLICATION NUMBER: 60/228914
: PRIOR FILING DATE: 2000-08-29
: NUMBER OF SEQ ID NOS: 5
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 5
: LENGTH: 658
: TYPE: PRT
: ORGANISM: Homo sapiens
:

```

Query Match	93.0%	Score 986.5;	DB 9;	length 658;
Best Local Similarity	94.4%	Pred. No. 6.1e-88;		
Matches 187;	Conservative	1;	Indels 9;	Gaps 1

QY		2	SQAGNQTSPPATETDYSIGSWITIDEPDGCGXELDPBGVFPSCHTSIIPGLVYACLASISIL	61
Dd		3	SPAGNQTSPPGATEDEDSYGSWVIDEPOGEGELOBPGEVPSCHTISIIPOLVYACIASISIL	62
QY		62	VILLIIMLYRRQLMPDCVRGRPGI-PSVDVLADGRPRAVPAAAFMYLISLCILLPDED	122
Dd		63	VLLLLMLVRRQLMPDCVRGRPGI-P-----RPAVPAAVPMVLSLCLLPDED	117
QY		122	ALPEFLTLASPSODGKTEAPRCAMKIIGLFHYAALYYLAACAATAGHTAAHLLOSTLSWA	181
Dd		114	ALPEFLTLASPSODGKTEAPRCAMKIIGLFYAAALYYLAAACATAGHTAAHLLOSTLSWA	177

OY 182 HLGQVWQRAECPOVPKI 199  
174 HLGQVWQRAECPOVPKI 191

RESULT 9  
US-09-901-812-5  
Sequence 5, Application US/09901812  
Patent No. US20020173461A1  
GENERAL INFORMATION:  
APPLICANT: Pennica, Diane  
APPLICANT: Polakis, Paul  
TITLE OF INVENTION: UPREGULATION OF TUMOR ANTIGENS TO  
FILE REFERENCE: GENENT.081A  
CURRENT APPLICATION NUMBER: US/09/901.812  
PRIORITY FILING DATE: 2001-07-10  
PRIORITY APPLICATION NUMBER: 60/228,914  
PRIORITY FILING DATE: 2000-08-29  
PRIORITY APPLICATION NUMBER: 09/759,056  
PRIORITY FILING DATE: 2001-01-11  
PRIORITY APPLICATION NUMBER: 60/175,849  
PRIORITY FILING DATE: 2000-01-13  
PRIORITY APPLICATION NUMBER: 60/197,089  
PRIORITY FILING DATE: 2000-04-14  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 658  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-901-812-5

Query Match 93.0%; Score 986.5; DB 9; Length 658;  
Best Local Similarity 94.4%; Pred. No. 6, 1e-88;  
Matches 187; Conservative 1; Mismatches 1; Indels 9; Gaps 1;

OY 2 SOPAGNOTSPGATEDSYSGWYIDEPQGXELQPEGEVPSCHTSPGGLYHACLASLSIL 61  
3 SOPAGNOTSPGATEDSYSGWYIDEPQGXELQPEGEVPSCHTSPGGLYHACLASLSIL 62  
DB 63 VLLLLMLVRRRLMPDCVGRGRLPSPVDFLAGDRPRAVPAVFMVLLSLCLLPDED 113  
OY 62 VLLLLMLVRRRLMPDCVGRGRLPSPVDFLAGDRPRAVPAVFMVLLSLCLLPDED 121  
DB 63 VLLLLMLVRRRLMPDCVGRGRLPSPVDFLAGDRPRAVPAVFMVLLSLCLLPDED 113  
OY 122 ALPFLTLASAPSDGKTEAPRGAMKILGLFYHVALYYPPLAACATGHTAAHLSTLSMA 181  
114 ALPFLTLASAPSDGKTEAPRGAMKILGLFYHVALYYPPLAACATGHTAAHLSTLSMA 173  
OY 182 HLGQVWQRAECPOVPKI 199  
DB 174 HLGQVWQRAECPOVPKI 191

RESULT 10  
US-09-816-653a-7  
Sequence 7, Application US/09816653A  
Patent No. US20030021788A1  
GENERAL INFORMATION:  
APPLICANT: Rastelli, Luca  
APPLICANT: Pennica, Diane  
TITLE OF INVENTION: NOVEL HUMAN STRA6-LIKE PROTEIN AND NUCLEIC ACIDS ENCODING THE SAME  
FILE REFERENCE: 10716/57  
CURRENT APPLICATION NUMBER: US/09/816.653A  
PRIORITY FILING DATE: 2001-03-23  
PRIORITY APPLICATION NUMBER: 60/191,532  
PRIORITY FILING DATE: 2000-03-23  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7  
LENGTH: 670

TYPE: PRT  
ORGANISM: Mus musculus retinoic acid-responsive protein (Stra6) mRNA, complete  
US-09-816-653a-7

Query Match 65.7%; Score 697; DB 9; Length 670;  
Best Local Similarity 68.6%; Pred. No. 8, 5e-60;  
Matches 133; Conservative 18; Mismatches 41; Indels 2; Gaps 1;

OY 6 GNQTSFGATEDSYSGWYIDEPQGXELQPEGEVPSCHTSPGGLYHACLASLSILVLL 65  
DB 9 GSQTSFGATEDSYSGWYIDEPQGXELQPEGEVPSCHTSPGGLYHACLASLSILVLL 66  
OY 66 LAMLYRRRLMPDCVGRGRLPSPVDFLAGDRPRAVPAVFMVLLSLCLLPDEDALPF 125  
DB 67 LAMLYRRRLMPDCVGRGRLPSPVDFLAGDRPRAVPAVFMVLLSLCLLPDEDALPF 126  
OY 126 LTLASAPSDGKTEAPRGAMKILGLFYHVALYYPPLAACATGHTAAHLSTLSMAHLGV 185  
DB 127 LNLTLASAPSDGKTEAPRGAMKILGLFYHVALYYPPLAACATGHTAAHLSTLSMAHLGV 186  
OY 186 QVWQRAECPOVPKI 199  
DB 187 QVWQRAECPOVPKI 200

RESULT 11  
US-09-925-297-738  
Sequence 738, Application US/09925297  
Patent No. US2002081659A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
FILE REFERENCE: PA105  
CURRENT APPLICATION NUMBER: US/09/925.297  
PRIORITY FILING DATE: 2001-08-10  
PRIORITY APPLICATION NUMBER: PCT/US00/05969  
PRIORITY FILING DATE: 2000-03-08  
PRIORITY APPLICATION NUMBER: 60/124,270  
PRIORITY FILING DATE: 1999-03-12  
NUMBER OF SEQ ID NOS: 928  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 738  
LENGTH: 624  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (2)  
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE  
LOCATION: (192)  
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
US-09-925-297-738

Query Match 7.9%; Score 84; DB 10; Length 624;  
Best Local Similarity 22.7%; Pred. No. 3;  
Matches 39; Conservative 20; Mismatches 73; Indels 40; Gaps 7;

OY 7 NOTSPGATEDSYSGWYIDEPQGXELQPEGEVPSCHTSPGGLYHACLASLSIL 61  
DB 112 NNSPDLGCTPPAPMWPDPPTNFSLELEPGQGPVAKAGSPALIGCLVAIILL 171  
OY 62 VLLLLMLVRRRLMPDCVGRGRLPSPVDFLAGDRPRAVPAVFMVLLSLCLLPDEDALPF 93  
DB 172 LLLIILMLVRRRLMPDCVGRGRLPSPVDFLAGDRPRAVPAVFMVLLSLCLLPDEDALPF 221  
OY 94 AGDRPRAVPAVFMVLLSLCLLPDEDALPFLLTLASAPSDGKTEAPRGAM 145  
DB 232 RGNPSPAPC---VPNCSALLSNPVRLLATVAPPPGPG---PPTPAM 276

## RESULT 12

US-09-223-490-4

Sequence 4, Application US/09223490

Patent No. US20020147325A1

## GENERAL INFORMATION:

APPLICANT: Godowski, Paul J.

APPLICANT: Mark, Melanie R.

APPLICANT: Scadden, David T.

APPLICANT: Baker, Kevin P.

APPLICANT: Baron, Will F.

TITLE OF INVENTION: Protein Tyrosine Kinases

NUMBER OF SEQUENCES: 35

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

## COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/223,490

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/170,558

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Hasak, Janet E.

REGISTRATION NUMBER: 28,616

REFERENCE/DOCKET NUMBER: 854C1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-1896

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 913 amino acids

TYPE: amino acid

TOPOLOGY: linear

US-09-223-490-4

Query Match 7.8%; Score 83; DB 10; Length 913;

Best Local Similarity 22.7%; Pred. No. 5.9; 72 Indels 40; Gaps 7;

Matches 39; Conservative 20; Mismatches

QY 7 NOTSPGATEDYSGSWYIDEPD---GGXELQPEGEVPSCH-TSIPGLYHACLASLSIL 61

DB 370 NNSPPLGCTFPAPWPPPPPTNSSLERGGQOPVAKPBGSTALIGCLVAIIL 429

QY 62 VLLLLMLV-----RRRLMPD-----CYRGPGCLSPYDFI----- 93

DB 430 LLLIILMLWRLLMRLLSKAERRLVEELTVHLSVPGDTIILNNPGRPREPPYQEP 489

QY 94 AGDRPAVPAVPMVLLSCLLLPDDALPFLITLASAPSGDQKTEAPPGAW 145

DB 490 RGNPPHAPC---VPNGSALLSNPAYRLLLATVAPPPPG---PPTPAW 534

## RESULT 13

US-09-808-880-4

Sequence 4, Application US/0980880

Publication No. US20030027287A1

## GENERAL INFORMATION:

APPLICANT: Belknap, Mary C.

APPLICANT: Shah, Sanjay Krishnakant

APPLICANT: McDaniel, Robert

APPLICANT: Tang, Li

## TITLE OF INVENTION: RECOMBINANT OLEANDOLIDE POLYKETIDE SYNTHASE

FILE REFERENCE: 30062-20029.00

CURRENT APPLICATION NUMBER: US/09/808,880

CURRENT FILING DATE: 2001-03-14

PRIOR APPLICATION NUMBER: US/09/428,517

PRIOR FILING DATE: 1999-10-28

PRIOR APPLICATION NUMBER: 60/120,254

PRIOR FILING DATE: 1999-02-16

PRIOR APPLICATION NUMBER: 60/106,100

PRIOR FILING DATE: 1998-10-29

NUMBER OF SEQ ID NOS: 12

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 4

LENGTH: 3519

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Recombinant

OTHER INFORMATION: Oleandolide PKS

US-09-808-880-4

Query Match 7.4%; Score 78.5; DB 9; Length 3519;

Best Local Similarity 23.5%; Pred. No. 82;

Matches 54; Conservative 25; Mismatches 70; Indels 81; Gaps 12;

QY 11 PGATEDYSGSWYIDEPDGGXELQPEGEVPSCHTSIPGLYHACLASLSILVLLMLV 70

DB 2642 PALDELVLGGMLFVYVPRG-----LADGCVARVVAAYTA 2676

QY 71 R-----RQLMPDCVGRPGLSPVDFLAGDRPR-----AVPA--AVFNVL 109

DB 2677 RGGEVSVLDPTRPRRAVAEVAAGR-GVSGVVSFLSWDRRSHENPVAPGLAASLVL 2735

QY 110 LSLC-----LLDEDALPFLITLASAPSGDQKTEAPRG--W---KILGLFH-- 152

DB 2736 AQALVLDLGRVGEGRFLMLVTRDA---VVAQPSDAGAVIDVQVQVQVGFGLHPE 2790

QY 153 --YAALYPLAA---CATGHTAAHLGSLSMHL-----GVQVMOR 190

DB 2791 LMGLLDLPVEAPEPGSTCDHTYADLLATVVASAGREDQVAVRGSSVWR 2840

## RESULT 14

US-09-738-626-6358

Sequence 6358, Application US/09738626

Publication No. US20020197605A1

## GENERAL INFORMATION:

APPLICANT: NAKAGAWA, SATOSHI

APPLICANT: MIZOGUCHI, HIROSHI

APPLICANT: ANDO, SEIKO

APPLICANT: HAYASHI, MIKIRO

APPLICANT: OCHIAI, KEIKO

APPLICANT: YOKOI, HARUHIKO

APPLICANT: TATEISHI, NAOKO

APPLICANT: SENOH, AKIHIRO

APPLICANT: IKEDA, MASATO

APPLICANT: OZAKI, AKIO

TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES

FILE REFERENCE: 249-125

CURRENT APPLICATION NUMBER: US/09/738,626

PRIOR FILING DATE: 2000-12-18

PRIOR APPLICATION NUMBER: JP 99/377484

PRIOR FILING DATE: 1999-12-16

PRIOR APPLICATION NUMBER: JP 00/159162

PRIOR FILING DATE: 2000-04-07

PRIOR APPLICATION NUMBER: JP 00/280988

PRIOR FILING DATE: 2000-08-03

NUMBER OF SEQ ID NOS: 7059

SOFTWARE: PatentIn ver. 3.0

SEQ ID NO: 6358

LENGTH: 208

TYPE: PRT

ORGANISM: Corynebacterium glutamicum



US-09-738-626-6358

Query Match 7.0%; Score 74.5; DB 9; Length 208;  
Best Local Similarity 26.5%; Pred. No. 6.7;  
Matches 50; Conservative 25; Mismatches 71; Indels 43; Gaps 11;

OY 21 SWYID-----EPOGXELOPEC---EVPSCHTSI---PPGLYHACLASLSILVL 63  
DB 26 AMFVDTSLALDLNTRSPAPCELSQKASLNLSCUSLPOPPRLTSATTTSMSPFL 85  
OY 64 L--LLAMLYRRQQLPDDCVRRGPGCLPSPVDFLAGDRPRAVPAVFWLLSLCLLPDED 121  
DB 86 LKXVSAXLVRTSCAMPPLIFRLLRSPT--VASLPTPNLSASMKVAPS-CLVMSLP 143  
OY 122 ALPFLTLASAPSDGKTEAPRGAMKIL--GLFHYALYYPIAACATAGHTAAHLIGSTL 178  
DB 144 QIPPAT-----GLMKAMKODLCLNQALI--SNSCAT--GSPALNLAGTRIP 184  
OY 179 SWAHLCVOY 187  
185 AWSHQLCOV 193

RESULT 15

US-09-925-301-1349  
Sequence 1349, Application US/09925301  
Patent No. US20020052308A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins and Antidodies  
FILE REFERENCE: PA106  
CURRENT APPLICATION NUMBER: US/09/925,301  
CURRENT FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: PCT/US00/05882  
PRIOR FILING DATE: 2000-03-08  
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NUMBER OF SEQ ID NOS: 1694  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 1349  
LENGTH: 326  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (137)  
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE  
LOCATION: (142)  
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
09-925-301-1349

Query Match 7.0%; Score 74; DB 10; Length 326;  
Best Local Similarity 28.0%; Pred. No. 13; Indels 79; Gaps 54; Mismatches 16;

OY 38 EVPSCHTSI-----PPGLYHACLASLSILVLVLLAMLYRRQQLPDDCVRRGPG 87  
DB 39 DVAAACPGSLDCLKRRACRCPGA--HACGPTLOPFGEDQGLCVPRMRBPFGGRPOPRL 97  
OY 88 SPVDFLA-----GDRPR-AVPAV-FWLLSLCLLPDEDALPFLT-- 127  
DB 98 DEIDFLAQLARKESGHTPPLPKDRQLPEPALTGFSAXGGLXGLPSTPCTPTPTPH 157  
OY 128 --LASAPSDG--KTAPRGAMKILGLFHYALYYPIAACATAGHTAAHLIGSTLSWAH 182  
DB 158 TSLSPVSSDPVHMSPLERG---GCGGLALVILALFC-VAG--AAALSVASLCWCR 209  
OY 183 L--GVQVWQRAE-----CPQVPKI 199  
210 LQREIRLTOKADYATAKAPGSPAAPRI 236

Search completed: March 13, 2003, 11:37:57  
Job time : 12.355 secs